DEFA Security

DEFA - INTRODUCING THE MOST INTELLIGENT CAR ALARM

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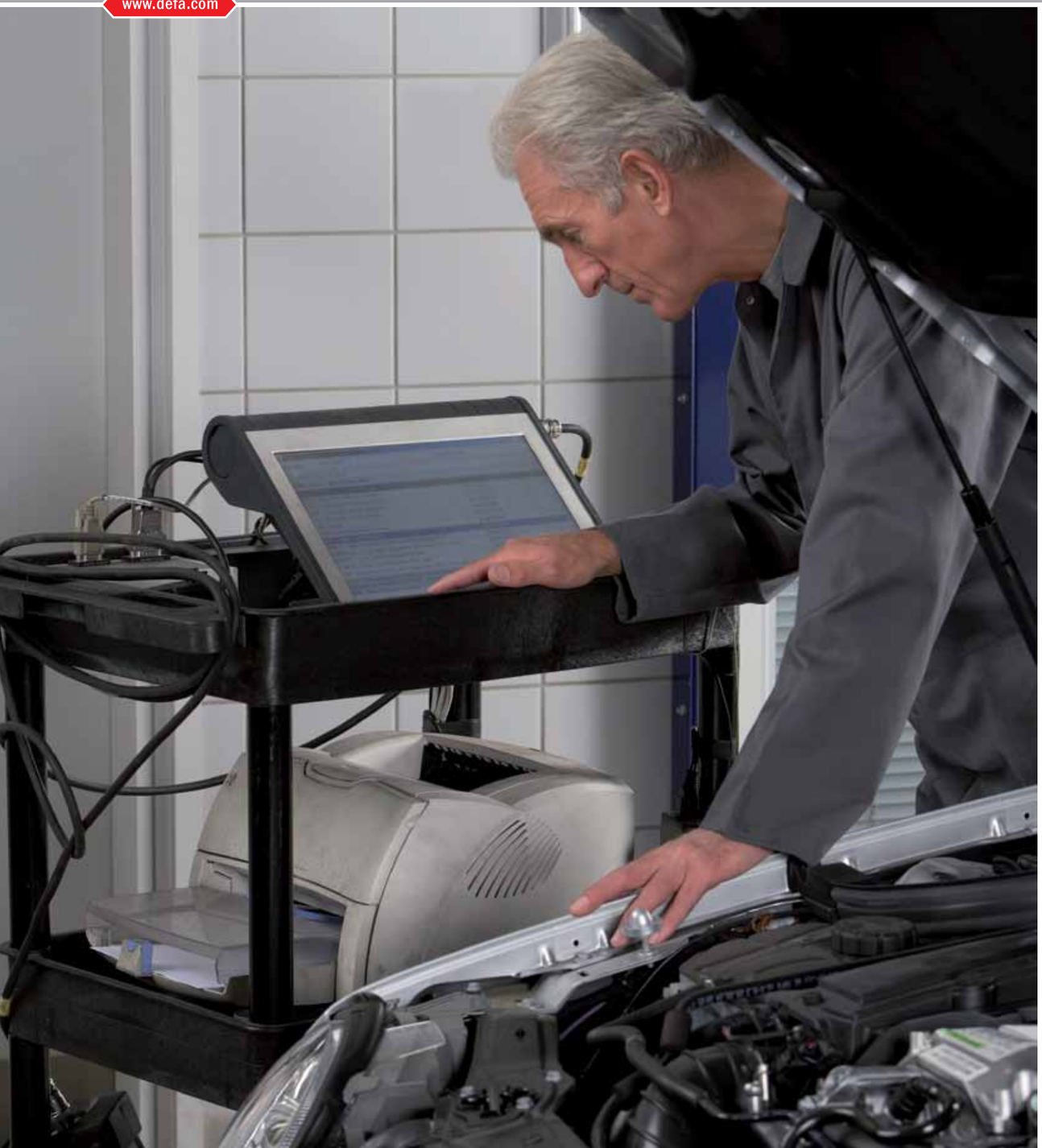

THE DVS90 ALARM FROM DEFA SETS A NEW STANDARD FOR VEHICLE ALARM SYSTEMS

The alarm is adjusted during installation

DVS90 is constructed on a flexible electronic platform which enables a very easy installment on most vehicles regardless of type of electric- and electronic systems. The alarm can be installed in all car models which use 12V battery voltage and in heavy vehicles with 24V systems. The alarm is also adaptable to all types of CAN-bus which exist in modern cars. It also has an interface which include all functions from our well known 400- and 800 alarm series .

Important qualities:

- Car spesific sofware is being kept continuously up to date and is programmed into the alarm during installation
- Easy logistics and stock holding. DVS90 can be installed in all car models
- The support is even better. Training and certification on the internet, together with a wide selection of illustrated fitting instructions
- Small physical dimensions makes the alarm easy to place and easy to install
- Several sensors of the same type can be used (for instance 2 motion sensors)
- LED, glass breakage microphone and button integrated as one unit in the window module
- Hood switch connection on the siren
- Approved by insurance companies in relevant markets (SBSC, FG, SCM)

EASY TO INSTALL, EASY TO PROGRAM

DVS90 is programmed to fit the current car when installed. The alarm is connected to the USB-port on a computer via a standard USB cable. Choose the exact car model from the pull-down menu and within few seconds the alarm is completely programmed. You can either read the fitting instructions on screen or choose to print them out.
The alarm can be used in connection with several types of sensors, including several sensors of the same type. The sensors are automatically configured during power-up (or are set up via the computer tools.)
Most components in the DVS90 system are almost 40% less in volume size compared to the Auto Security-series. This implies a simple placement of the units, especially in the engine room and underneath the dashboard.

Training on the internet

For the installers we have prepared an extensive course. The course is divided into two parts. Part one describes generally about basic car electronics, installation techniques and some measuring techniques. Part two describes all installation conditions for the alarm and also functions as reference work for all technical questions in connection with the new alarm.
After you have finished the course, you test yourself by answering an electronic test on the internet. You receive points for correct answers and if the total sum exceeds a certain level, you will receive a diploma as an authorized DEFA installer.

Level sensor

The level sensor secures wheels and rims on the car, among other things. The alarm goes off if the car is jacked up or towed away.

Motion sensor

Surveillance of passanger compartment and cargo room based on microwave technology. Several sensors of the same type can be connected to the alarm.

LED

The blinking blue light diode behind the car window shows everybody that the car is protected by DEFA DVS90.

Backup siren

A siren with built in 'backup function'. The siren is triggered if the external power supply is disconnected. Engine sabotage attempt by removing the battery connection or cutting the wire to the siren.

Central unit

The brain of the system which communicates with the sensors, the siren and the car's electronic. The central unit is supplied without software and is programmed to fit every single vehicle before installation.

Tracking

DEFA Tracking can also be connected to the new alarm. You will receive an SMS when the alarm is triggered and at the same time you can start tracking your car.

Technical information :

Supply voltage	8-32V (12/24V systems)
Current consumption	> 18 mA
Radio frequency:	433.92 MHz (fjernkontroll) 2.45 GHz (remote control)
Sound pressure siren	116 dB/30 sec
LED flash frequency	0.5 Hz
Mål og vekt:	(lenght-widht-hight) mm - vekt
Central unit Siren Levelsensor Window module	(105-90-28) – 98g (113-77-60) – 420g (50-50-10) – 48g (78-50-10) – 65g (35-13-10) – 31g
Temperature range	-40 - +85°C
Type of approval	E4-74/61-95/56-317-00 (EU) E4-116R-000086 (World)

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Produsent: DEFA AS, Norge

Markedsføres av: KGK Norge AS, Caspar Storms vei 19, 0664 Oslo, Tlf 22 88 46 80

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